

ABSTRACT

Disclosed is an electroluminescent device comprising a cathode, an anode, and located therebetween a light emitting layer (LEL) containing (1) a host material that comprises a N,N,N',N'-tetra-aromatic benzidine group substituted in
5 at least one position ortho to the biphenyl linkage between the phenyl groups of the benzidine nucleus and (2) a phosphorescent light emitting material, wherein the triplet state energy of the benzidine nucleus is higher than the triplet state energy of the phosphorescent emitting material.